

## SEQUENCE LISTING

<110> Aventis Pharma Deutschland GmbH

<120>

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<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: C peptide

<400> 1

Arg Asp Val Pro Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser  
1 5 10 15

Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg  
20 25

<210> 2

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<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin

I

<400> 2

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu  
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg  
20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln  
35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln  
 50 55 60

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln  
 65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn  
 85 90 95

<210> 3

<211> 96

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin  
 II

<400> 3

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu  
 1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg  
 20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln  
 35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln  
 50 55 60

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln  
 65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Gly  
 85 90 95

<210> 4

<211> 90

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin  
III

<400> 4

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Lys Gln His Leu  
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg  
20 25 30

Gly Phe Phe Tyr Thr Pro Glu Thr Arg Asp Val Pro Gln Val Glu Leu  
35 40 45

Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly  
50 55 60

Ser Leu Gln Lys Arg Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys  
65 70 75 80

Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn  
85 90